

# APPLICATION FOR FINANCIAL ASSISTANCE

Revised 4/99

CB09 H

**IMPORTANT:** Please consult the "Instructions for Completing the Project Application" for assistance in completion of this form.

SUBDIVISION: City of Cincinnati CODE# 061-15000

DISTRICT NUMBER: 2 COUNTY: Hamilton DATE 9 / 3 / 03

CONTACT: Brian Pickering, PE PHONE # (513) 591-6856

(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASIS DURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

FAX (513) 591-7826 E-MAIL brian.pickering@gcww.cincinnati-oh.gov

PROJECT NAME: Countywide Water Main Improvements - Ph II

## SUBDIVISION TYPE

(Check Only 1)

- ☐ 1. County  
☒ 2. City  
☐ 3. Township  
☐ 4. Village  
☐ 5. Water/Sanitary District  
(Section 6119 O.R.C.)

## FUNDING TYPE REQUESTED

(Check All Requested & Enter Amount)

- ☐ 1. Grant \$ \_\_\_\_\_  
☐ 2. Loan \$ \_\_\_\_\_  
☒ 3. Loan Assistance \$ 990,000

## PROJECT TYPE

(Check Largest Component)

- ☐ 1. Road  
☐ 2. Bridge/Culvert  
☒ 3. Water Supply  
☐ 4. Wastewater  
☐ 5. Solid Waste  
☐ 6. Stormwater

TOTAL PROJECT COST: \$ 990,000

FUNDING REQUESTED: \$ 990,000

## DISTRICT RECOMMENDATION

To be completed by the District Committee ONLY

GRANT: \$ \_\_\_\_\_ LOAN ASSISTANCE: \$ 990,000  
SCIP LOAN: \$ \_\_\_\_\_ RATE: \_\_\_\_\_ % TERM: \_\_\_\_\_ yrs.  
RLP LOAN: \$ \_\_\_\_\_ RATE: \_\_\_\_\_ % TERM: \_\_\_\_\_ yrs.

(Check Only 1)

- ☒ State Capital Improvement Program ☐ Small Government Program  
☐ Local Transportation Improvements Program

2003 SEP 19 AM 9:39  
OFFICE OF NEW DURLINGTON  
COUNTY ENGINEER

## FOR OPWC USE ONLY

PROJECT NUMBER: C \_\_\_\_\_ /C \_\_\_\_\_  
Local Participation \_\_\_\_\_ %  
OPWC Participation \_\_\_\_\_ %  
Project Release Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
OPWC Approval: \_\_\_\_\_

APPROVED FUNDING: \$ \_\_\_\_\_  
Loan Interest Rate: \_\_\_\_\_ %  
Loan Term: \_\_\_\_\_ years  
Maturity Date: \_\_\_\_\_  
Date Approved: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
SCIP Loan \_\_\_\_\_ RLP Loan \_\_\_\_\_

1.0 PROJECT FINANCIAL INFORMATION

1.1 PROJECT ESTIMATED COSTS:

(Round to Nearest Dollar)

TOTAL DOLLARS

FORCE ACCOUNT  
DOLLARS

a.) Basic Engineering Services:

\$ .00

Preliminary Design \$ .00

Final Design \$ .00

Bidding \$ .00

Construction Phase \$ .00

Additional Engineering Services

\$ .00

\*Identify services and costs below.

b.) Acquisition Expenses:

Land and/or Right-of-Way

\$ .00

c.) Construction Costs:

\$ .00

d.) Equipment Purchased Directly:

\$ .00

e.) Permits, Advertising, Legal:

(Or Interest Costs for Loan Assistance  
Applications Only)

\$ 990,000 .00

f.) Construction Contingencies:

\$ .00

g.) TOTAL ESTIMATED COSTS:

\$ 990,000 .00

\*List Additional Engineering Services here:

Service:

Cost:

**1.2 PROJECT FINANCIAL RESOURCES:**  
(Round to Nearest Dollar and Percent)

	DOLLARS	%
a.) Local In-Kind Contributions	\$ <u>.00</u>	<u>          </u>
b.) Local Revenues	\$ <u>.00</u>	<u>          </u>
c.) Other Public Revenues	\$ <u>.00</u>	<u>          </u>
ODOT	\$ <u>.00</u>	<u>          </u>
Rural Development	\$ <u>.00</u>	<u>          </u>
OEPA	\$ <u>.00</u>	<u>          </u>
OWDA	\$ <u>.00</u>	<u>          </u>
CDBG	\$ <u>.00</u>	<u>          </u>
OTHER <u>          </u>	\$ <u>.00</u>	<u>          </u>
SUBTOTAL LOCAL RESOURCES:	\$ <u>.00</u>	<u>          </u>
d.) OPWC Funds		
1. Grant	\$ <u>.00</u>	<u>          </u>
2. Loan	\$ <u>.00</u>	<u>          </u>
3. Loan Assistance	\$ <u>990,000.00</u>	<u>          </u>
SUBTOTAL OPWC RESOURCES:	\$ <u>990,000.00</u>	<u>          </u>
e.) TOTAL FINANCIAL RESOURCES:	\$ <u>990,000.00</u>	<u>100%</u>

**1.3 AVAILABILITY OF LOCAL FUNDS:**

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local share funds required for the project will be available on or before the earliest date listed in the Project Schedule section.

ODOT PID#                      Sale Date:                     

STATUS: (Check one)

Traditional                       
Local Planning Agency (LPA)                       
State Infrastructure Bank

## 2.0 PROJECT INFORMATION

If project is multi-jurisdictional, information must be consolidated in this section.

### 2.1 PROJECT NAME: Countywide Water Main Improvements – Ph II

### 2.2 BRIEF PROJECT DESCRIPTION - (Sections A through C):

#### A: SPECIFIC LOCATION:

This project requests reimbursement for the 2003 interest on the bonds sold to finance Greater Cincinnati Water Works (GCWW) Infrastructure projects. The project involves repayment of the prorated interest for the replacement of approximately 147 water mains and the installation of 4 new mains located throughout Hamilton County from the GCWW capital program. These projects were initially funded from cash until revenue bonds could be sold. See attached location map for location of a majority of the water main locations that make up the project (not all shown for clarity)

PROJECT ZIP CODE: varies

#### B: PROJECT COMPONENTS:

This project includes the replacement of various water mains and the installation of new water mains. The project also includes the installation of water mains, valves and water branches, fire hydrants, chambers in the right of way, disinfection, pressure testing and performing all other related work

#### C: PHYSICAL DIMENSIONS / CHARACTERISTICS:

This project involves installing various length water mains ranging in size from 6" to 54" diameter pipes.

#### D: DESIGN SERVICE CAPACITY:

Detail current service capacity vs. proposed service level.

This project is designed to meet the future demand.

Road or Bridge: Current ADT \_\_\_\_\_ Year: \_\_\_\_\_ Projected ADT: \_\_\_\_\_ Year: \_\_\_\_\_

Water/Wastewater: Based on monthly usage of 7,756 gallons per household, attach current rate ordinance. Current Residential Rate: \$ \* \_\_\_\_\_ Proposed Rate: \$ \* \_\_\_\_\_

\* See attached rate schedule

Stormwater: Number of households served: \_\_\_\_\_

### 2.3 USEFUL LIFE / COST ESTIMATE: Project Useful Life: 75 Years.

Attach Registered Professional Engineer's statement, with original seal and signature confirming the project's useful life indicated above and estimated cost.

Attached is a listing of the water main projects and balances that are being funded from the bond sale proceeds.

### 3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT \$ 48,526,928.99

TOTAL PORTION OF PROJECT NEW/EXPANSION \$ 9,211,379.34

### 4.0 PROJECT SCHEDULE: \*

	BEGIN DATE	END DATE
4.1 Engineering/Design:	<u>completed</u>	<u>completed</u>
4.2 Bid Advertisement and Award:	<u>completed</u>	<u>completed</u>
4.3 Construction:	<u>6/01 /01</u>	<u>12 /01 /05</u>
4.4 Right-of-Way/Land Acquisition:	<u>completed</u>	<u>completed</u>

\* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by the CEO of record and approved by the commission once the Project Agreement has been executed. The project schedule should be planned around receiving a Project Agreement on or about July 1st.

### 5.0 APPLICANT INFORMATION:

#### 5.1 CHIEF EXECUTIVE OFFICER

TITLE Timothy H. Riordan  
STREET Assistant City Manager  
Room 152, City Hall  
801 Plum Street  
CITY/ZIP Cincinnati, Ohio 45202  
PHONE ( 513 ) 352 - 2457  
FAX ( 513 ) 352 - 6284  
E-MAIL tim.riordan@cincinnati-oh.gov

#### 5.2 CHIEF FINANCIAL OFFICER

TITLE William Moller  
STREET Finance Director  
Room 250, City Hall  
801 Plum Street  
CITY/ZIP Cincinnati, Ohio 45202  
PHONE ( 513 ) 352 - 3731  
FAX ( 513 ) 352 - 2370  
E-MAIL bill.moller@cincinnati-oh.gov

#### 5.3 PROJECT MANAGER

TITLE Steve Hellman  
STREET Superintendent of Business Services  
4747 Spring Grove Avenue  
CITY/ZIP Cincinnati, Ohio 45232  

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PHONE ( 513 ) 591 - 7965  
FAX ( 513 ) 591 - 7867  
E-MAIL steve.hellman@gcww.cincinnati-oh.gov

Changes in Project Officials must be submitted in writing from the CEO.

## 6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Confirm in the blocks [ ] below that each item listed is attached.

- [ ] A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.
- [ X ] A certification signed by the applicant's chief financial officer stating all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.
- [ X ] A registered professional engineer's detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's original seal or stamp and signature.
- [ ] A cooperation agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.
- [ ] Projects which include new and expansion components and potentially affect productive farmland should include a statement evaluating the potential impact. If there is a potential impact, the Governor's Executive Order 98-VII and the OPWC Farmland Preservation Review Advisory apply.
- [ ] Capital Improvements Report: (Required by O.R.C. Chapter 164.06 on standard form)
- [ X ] Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your *local* District Public Works Integrating Committee.

## 7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement on this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding of the project.

~~Timothy H. Flordan~~

Assistant City Manager

Certifying Representative (Type or Print Name and Title)

T. H. Flordan 9-15-03

Signature/Date Signed

# City of Cincinnati



Department of Water Works

4747 Spring Grove Avenue  
Cincinnati, Ohio 45232

David E. Rager  
*Director of Water Works*

Paul E. Tones  
*Water Works Chief Engineer*

September 3, 2003

Subject: Countywide Water Main Improvements – Ph II  
Certification of Useful Life

As required by Chapter 164-1-13 of the Ohio Administrative Code, I hereby certify that the design useful life of the subject water main project is at least seventy-five (75) years.



(Seal)

Brian Pickering, P.E.  
Principal Engineer  
City of Cincinnati

Map #	Project Name	Funding Capital	Expenses Capital	Project Balance	YEAR BUILT	REASON FOR PROJECT
		\$10,040,524.40	\$1,643,173.92	\$9,211,379.34		
	Total	89,631,598.58	\$32,707,319.11	\$57,738,308.33		
	New Water Mains			\$9,211,379.34		(less than 20% of project)
	20% of Total Project			\$11,547,661.67		

	Interest	Year
Bond Sale	\$ 112,360,000	\$ 3,665,911.89
Prorate Interest	\$1,883,798.07	2003
Use	\$990,000	

See attached map for project locations

### Definitions

- 1) Maintenance - Replaced due to leaks in the pipe joints or breaks in the pipe
- 2) Age - Greater than 40 years
- 3) Conflict - New facility impacting water main or too close due to roadway grade changes
- 4) Upgrade - Usually leaded joint piping with minimal cover over, 6" and 8" pipes being replaced with 8" pipes
- 5) Flow - The pipe capacity is too small due to corrosion or size
- 6) Water Quality - Rusty water, sediment or not enough water turn over in the pipe
- 7) Gapper - Connecting the ends of dead end existing mains that are not continuous
- 8) Expansion - Extending transmission and distribution mains to support growing areas
- 9) Rehabilitation - Performing Repairs on the interior of the existing main

te a water main with unknown age. Areas with mains were annexed into the city without good records. Many areas were annexed around 1925

Projects may be added or deleted during the year from the above list  
 Several projects may have duplicate names



## **Countywide Water Main Improvements – Ph II**

### **Additional Information**

This project requests a credit enhancement of \$990,000 to reimburse the City of Cincinnati Water Works (CWW) for 2003 bond interest for capital water main replacement projects.

On March 1, 2003 the Greater Cincinnati Water Works issued revenue bonds totaling \$112,360,000 to finance a portion of the current capital improvement program. The capital improvement program includes projects for technology, plant facilities, water mains and other related expenses. A portion of the bond sale financed 151 water main projects. These water mains are included in the Countywide Water Main Improvement Project. The project includes 147 water main replacements and 4 new water mains.

The 151 water main projects represent approximately \$57,738,308.33 of capital work or 51% of the March 2003 bond sale. The total interest payment on the entire bond sale is \$3,665,911.89 for 2003. Prorating the interest payments (for the water replacement projects) at 51% provides an eligible interest cost of just under \$1,900,000 for 2003.



# City of Cincinnati

September 6, 2003

**To:** William E. Moller, Director of Finance

**From:** Steve Hellman, GCWW, Superintendent of Business Planning and Development

**Subject:** Status of Funds for Round 18/2004 Credit Enhancement Project  
Countywide Water Main Improvements Ph II

The purpose of this letter is to certify that the City of Cincinnati Water Works has secured all the funding for the Countywide Water Main Improvement Ph II project. On March 1, 2003, the Greater Cincinnati Water Works issued revenue bonds totaling \$112,360,000 to finance a portion of the capital improvement program. This project requests reimbursement of a portion of the first year of interest for water main work that is eligible for the State Capital Improvement Program Funds.

If you have any questions please call me at 591-7965.

Sincerely,

Steve Hellman  
Superintendent of Business Planning and Development

cc: B. Pickering, CWW Engineering  
P. Tomes, CWW Engineering  
S. Hellman, CWW Business Services

*cc: Brian Pickering*

City of Cincinnati

*DP*  
DHW

## An Ordinance No. 327 - 2003

AUTHORIZING the City Manager to apply for and accept water supply funding credit enhancements and loans from the State of Ohio, Ohio Public Works Commission, in the approximate amount of \$1,970,000.00, and to execute any agreements necessary for the receipt and administration of said credit enhancements and loans.

WHEREAS, the State Capital Improvement Program, the Local Transportation Improvement Program, and the State Revolving Loan Program provide for infrastructure funding; and

WHEREAS, the District 2 Integrating Committee is accepting applications for projects within Hamilton County, State of Ohio; and

WHEREAS, the City of Cincinnati has the required matching City funds for Program Year 2004, for two water supply projects, namely Countywide Water Main Improvements Phase II and the Harrison Avenue Water Main Replacement; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City Manager is hereby authorized to apply for and accept credit enhancements and loans in the approximate amount of \$1,970,000.00 at an interest rate acceptable to the City of Cincinnati Director of Finance, from the Ohio Public Works Commission through the Hamilton County District 2 Integrating Committee, for the funding of two water supply projects, namely Countywide Water Main Improvements Phase II and the Harrison Avenue Water Main Replacement.

Section 2. That the City Manager is authorized to execute any agreements necessary for the receipt and administration of said credit enhancements and loans.

Section 3. That the Director of Finance is directed to deposit any said funds received into the appropriate account. The Director of Finance is further authorized to disburse said funds upon receipt of the proper vouchers.

Section 4. That the proper City officials are authorized to do all things necessary and proper to comply with the terms and conditions of the enhancement credits and loans and Sections 1, 2 and 3 hereof.

Section 5. That this Ordinance shall take effect from and at the earliest period allowed by law.

Passed:

September 24, 2003

Alvin Reese  
Vice-Mayor

Attest:

Melissa Autry  
Clerk

I HEREBY CERTIFY THAT ORDINANCE NO. 327-2003  
WAS PUBLISHED IN THE CITY BULLETIN  
IN ACCORDANCE WITH THE CHARTER ON 10-7-2003

Melissa Autry  
Clerk of Council

# WATER RATES

City of Cincinnati

An Ordinance No. 387

-2002

SUPPLEMENTING the Cincinnati Municipal Code by revising the rates for water services furnished by the Greater Cincinnati Water Works by repealing and reordaining Sections 401-76, 401-77, 401-81 and Section 401-90 Contract Billing Services, Water Quality Analysis, and Lab Services for other Agencies.

**WHEREAS**, the City administration has recommended to Council that a two percent (2.0%) increase in water rates is required to meet current capital and operating needs of the water works system; and

**WHEREAS**, after a two (2.0%) increase in rates, Cincinnati's rates will remain substantially below industry averages, and Council is of the opinion that a two percent (2%) increase is necessary and appropriate; and

**WHEREAS**, the Cincinnati Water Works desires to provide water quality analysis and lab services as required by current distribution system water quality regulations to entities that receive water from it and for the purpose of collecting water quality data to better understand the entire water system and any impact on water quality due to the expanding service area, now, therefore,

BE IT ORDAINED by Council of the City of Cincinnati, State of Ohio:

Section 1. That new Section 401-76, Service Charges, of the Cincinnati Municipal Code is hereby ordained as follows:

## § 401-76. Service Charges.

Each water supply service shall be subject to a Service Charge. The Service Charge shall be based on the size of the water meter.

This section shall apply to each water meter used, but shall not apply to water supply services subject to Section 401-81 or Section 401-82.

For the availability of water service, the Service Charge rates shall be as follows:

Meter Size (Inches)	<u>Inside Cincinnati</u>		<u>Incorporated Hamilton and Clermont Counties</u>		<u>Unincorporated Hamilton County</u>		<u>Butler &amp; Warren Counties</u>	
	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>
5/8	\$4.99	\$5.78	\$6.29	\$7.28	\$6.64	\$7.69	\$7.23	\$8.37
¾	6.05	9.03	7.62	11.38	8.05	12.01	8.76	13.09
1	7.40	11.78	9.32	14.84	9.84	15.67	10.72	17.07
1-1/2	9.99	18.50	12.59	23.31	13.29	24.61	14.48	26.81
2	13.45	26.35	16.95	33.20	17.89	35.05	19.49	38.18
3	25.22	56.73	31.78	71.48	33.54	75.45	36.55	82.20
4	45.86	98.34	57.78	123.91	60.99	130.79	66.45	142.50
6	87.13	192.30	109.78	242.30	115.88	255.76	126.25	278.65
8	128.50	286.38	161.91	360.84	170.91	380.89	186.20	414.97
10	179.73	390.66	226.46	492.23	239.04	519.58	260.43	566.06
12	220.44	462.98	277.75	583.35	293.19	615.76	319.41	670.85

Section 2. That Section 401-77, Water Commodity Charges, of the Cincinnati Municipal Code is hereby ordained as follows:

#### § 401-77. Water Commodity Charges.

For water used, the Water Commodity Charge rates per hundred cubic feet (Ccf) used shall be as follows:

Per Month	Per Quarter	<u>Inside Cincinnati</u>		<u>Incorporated Hamilton &amp; Clermont Counties</u>	<u>Unincorporated Hamilton County</u>	<u>Butler &amp; Warren Counties</u>
First 20 Ccf	First 60 Ccf	\$1.35		\$1.70	\$1.80	\$1.96
Next 580 Ccf	Next 1740 Ccf	1.10		1.39	1.46	1.60
Over 600 Ccf	Over 1800 Ccf	0.98		1.23	1.30	1.41

Section 3. That Section 401-78, Charges for Fire Protection Services, of the Cincinnati Municipal Code is hereby ordained as follows:

## § 401-78. Charges for Fire Protection Services

Each Fire Protection Service serving a private premises shall be subject to a Service Charge based on the size of the service branch at the water main. This section shall not apply to fire protection services subject to Sections 401-82 and 401-83.

The Fire Protection Service Charge rates per month and per quarter shall be as follows:

Meter Size (Inches)	<u>Inside Cincinnati</u>		<u>Incorporated Hamilton and Clermont Counties</u>		<u>Unincorporated Hamilton County</u>		<u>Butler &amp; Warren Counties</u>	
	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>
2" & Under	\$9.08	\$26.91	\$11.44	\$33.91	\$12.08	\$35.79	\$13.16	\$39.00
3	11.66	34.54	14.69	43.52	15.51	45.94	16.89	50.05
4	13.79	41.37	17.38	52.13	18.34	55.02	19.99	59.95
6	31.84	95.20	40.12	119.95	42.35	126.62	46.14	137.94
8	44.96	134.88	56.65	169.95	59.80	179.39	65.15	195.44
10	54.27	162.58	68.38	204.85	72.18	216.23	78.64	235.58

Section 4. That Section 401-81, Charges to Political Subdivisions, of the Cincinnati Municipal Code is hereby ordained as follows:

## § 401-81. Charges to Political Subdivisions.

The water commodity charge rates per hundred cubic feet for water used by political subdivisions, other than those whose contracts with the City of Cincinnati specify rates, shall be \$1.39 between November 1 and April 30 and \$1.69 between May 1 and October 31. There shall be no service charges.

Section 5. That the rates established in Sections 1, 2, 3, and 4 of this ordinance shall apply to the monthly billed charges on the basis of one thirtieth times the number of calendar days since January 1, 2003. The rates established by this ordinance shall apply to quarterly billed charges on the basis of one ninety-first times the number of calendar days since January 1, 2003. Monthly billed charges payable after 30 calendar days since January 1, 2003 and quarterly billed charges after 91 calendar days since January 1, 2003 shall be calculated entirely at the amended rates.

Section 6. That Section 401-90, Contract Billing Services, Water Quality Analysis and Lab Services for Other Agencies, of the Cincinnati Municipal Code, is hereby reordained as follows:

**§ 401-90. \*\*1\*\* Contract Billing Services, Water Quality Analysis and Lab Services for Other Agencies.**

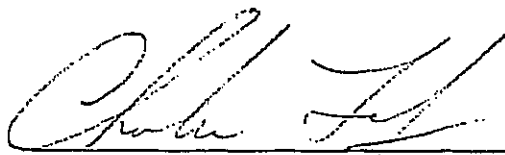
(a) The director may enter into agreements with other political subdivisions or public agencies to provide customer service, billing and payment collection activities for the provision of public services. Such services may include, but not be limited to, sanitary sewerage service, stormwater drainage and collection service, solid waste collection and yard waste collection. Charges for such services may be issued on a unified utility statement.

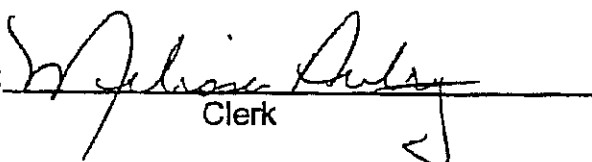
(b) The director may enter into agreements with agencies that directly or indirectly receive water from the City of Cincinnati to provide water quality analysis and lab services required by current distribution system water quality regulations. There shall be a charge, as determined by the director. The amount of the charge shall be based on the cost of providing the service. The director shall periodically review the costs and adjust the charge if necessary.

Section 7. That existing Sections 401-76, 401-77, 401-78, 401-81 and 401-90 of the Cincinnati Municipal Code are hereby repealed.

Section 8. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed December 18, 2002

  
\_\_\_\_\_  
Mayor

Attest:   
\_\_\_\_\_  
Clerk

New wording underscored. Language which has been deleted is indicated by asterisks.

**\*\*1\*\* Contract Billing Services for Other Agencies.**



### Service Charge Rate Schedule

Meter Size (Inches)	<i>Inside Cincinnati</i>		<i>Incorporated Hamilton &amp; Clermont Counties</i>		<i>Unincorporated Hamilton County</i>		<i>Butler &amp; Warren Counties</i>	
	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>
5/8	\$4.99	\$5.78	\$6.29	\$7.28	\$6.64	\$7.69	\$7.23	\$8.37
3/4	6.05	9.03	7.62	11.38	8.05	12.01	8.76	13.09
1	7.40	11.78	9.32	14.84	9.84	15.67	10.72	17.07
1-1/2	9.99	18.50	12.59	23.31	13.29	24.61	14.48	26.81
2	13.45	26.35	16.95	33.20	17.89	35.05	19.49	38.18
3	25.22	56.73	31.78	71.48	33.54	75.45	36.55	82.20
4	45.86	98.34	57.78	123.91	60.99	130.79	66.45	142.50
6	87.13	192.30	109.78	242.30	115.88	255.76	126.25	278.65
8	128.50	286.38	161.91	360.84	170.91	380.89	186.20	414.97
10	179.73	390.66	226.46	492.23	239.04	519.58	260.43	566.06
12	220.44	462.98	277.75	583.35	293.19	615.76	319.41	670.85

For water used, the water commodity charge rates per hundred cubic feet (Ccf) used are as follows:

### Water Commodity Charge Rate Schedule

<u>Per Month</u>	<u>Per Quarter</u>	<u>Inside Cincinnati</u>	<u>Incorporated Hamilton &amp; Clermont Counties</u>	<u>Unincorporated Hamilton County</u>	<u>Butler and Warren Counties</u>
First 20 Ccf	First 60 Ccf	\$1.35	\$1.70	\$1.80	\$1.96
Next 580 Ccf	Next 1740 Ccf	1.10	1.39	1.46	1.60
Over 600 Ccf	Over 1800 Ccf	0.98	1.23	1.30	1.41

Each fire protection service serving a private premise is subject to a service charge based on the size of the service branch at the water main. The fire protection service charge rates per month and per quarter are as follows:

### Fire Protection Service Charge Rate Schedule

<u>Branch Size (Inches)</u>	<i>Inside Cincinnati</i>		<i>Incorporated Hamilton &amp; Clermont Counties</i>		<i>Unincorporated Hamilton County</i>		<i>Butler &amp; Warren Counties</i>	
	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>
2 & under	\$9.08	\$26.91	\$11.44	\$33.91	\$12.08	\$35.79	\$13.16	\$39.00
3	11.66	34.54	14.69	43.52	15.51	45.94	16.89	50.05
4	13.79	41.37	17.38	52.13	18.34	55.02	19.99	59.95
6	31.84	95.20	40.12	119.95	42.35	126.62	46.14	137.94
8	44.96	134.88	56.65	169.95	59.80	179.39	65.15	195.44
10 & over	54.27	162.58	68.38	204.85	72.18	216.23	78.64	235.58

Certain not-for-profit welfare institutions pay a service charge and usage charge at a commodity rate. These institutions must have applied for the commodity rate and received water service on or before July 2, 1983 in order to be eligible for this rate. The commodity rate

# BOND SALE

savings to its users. Those cost savings to the users are associated with Boone County, Kentucky not having to construct a major water treatment facility on the Ohio River.

Hamilton County recently amended its contract with the City of Cincinnati to provide additional water to Harrison and Whitewater Township. These townships are located in the far-western segment of Hamilton County and include large tracts of undeveloped acreage, which currently do not have access to a public water supply. The availability of water to this segment of the County will accelerate development and growth of this area.

The improvements being made in western Hamilton County will also provide the Utility with the ability to further enhance the quality of water being delivered to this segment of the service area. The proposed changes in the federal Safe Drinking Water Act (SDWA) require the Utility to be very conscious of water turnover. Maintaining the required level of chlorine residuals and maximizing water turnover allows the Utility to minimize the formation of disinfectant byproducts and thereby ensure compliance with the SDWA.

The western border of Hamilton County abuts the Indiana state line. While there are no current plans to expand the service area into Indiana, increasing the supply of water available to this segment of the service area enhances the Utility's ability to expand service to Indiana residents if needed in the future.

The Utility continues to discuss opportunities to provide service to other surrounding communities and has sufficient existing capacity to add customers without the need of any significant plant expansion. Currently the Daily Average Pumpage is 136.1 MGD while the current capacity is 261 MGD.

## FINANCIAL OPERATIONS

### Water Rates

The Utility receives no share of any state or local property or income taxes. Revenue from the sale of water provides for the operation, maintenance and debt service requirements of the Utility. Water rates are approved by City Council. The Director of the Utility is responsible for allocating the approved rates for water to customer classes within the City and in Hamilton County outside the City limits. Contractual agreement rates are negotiated and linked to various commodity block rates effectively changing when new rates are approved by City Council. The rates for Butler, Clermont, and Warren counties in Ohio and Boone County in Kentucky are set at levels sufficient to pay the expenses of the Utility. The Director is also responsible for allocating the approved rates for water supplied to political subdivisions at master meters for redistribution within their own water mains, and for standby water service to political subdivisions.

The last water rate increase was effective January 17, 2003.

Each water supply service is subject to a service charge. The service charge is based on the size of the water meter and is a base charge payable in each billing period. For the availability of water service, the service charge rates are as follows:

*In the opinion of Peck, Shaffer & Williams LLP and Graves & Horton, LLC, Co-Bond Counsel, under existing law, (i) interest on the Series 2003 Bonds will be excludible from gross income of the holders thereof for purposes of federal income taxation, (ii) interest on the Series 2003 Bonds will not be a specific item of tax preference for purposes of the federal alternative minimum tax imposed on individuals and corporations, and (iii) the Series 2003 Bonds, the transfer thereof, and the income therefrom, including any profit made on the sale thereof, will be exempt from taxation within the State of Ohio, all subject to the qualifications described herein under the heading Tax Matters.*

**OFFICIAL STATEMENT**  
**Relating to the Original Issuance of**  
**\$112,360,000**  
**CITY OF CINCINNATI, OHIO**  
**WATER SYSTEM REVENUE BONDS, SERIES 2003**

Dated: March 1, 2003

Due: December 1, as shown below

The captioned bonds (the Series 2003 Bonds) will be issued only as fully registered bonds and initially will be registered solely in the name of Cede & Co., as nominee for The Depository Trust Company, New York, New York (DTC). Purchases of book entry interests in the Series 2003 Bonds (without any right to receive certificates) will be made in denominations of \$5,000 and any integral multiples thereof. See TRUST AGREEMENT – Book Entry Method. Interest on the Series 2003 Bonds is payable on June 1 and December 1 of each year, commencing June 1, 2003. Principal of the Series 2003 Bonds is payable at the Cincinnati, Ohio corporate trust office of Fifth Third Bank, as Trustee and Paying Agent. So long as DTC or its nominee is the registered owner of the Series 2003 Bonds, payments of all Bond Service Charges on the Series 2003 Bonds will be made directly to DTC, without cost except for any taxes or other governmental charges. See TRUST AGREEMENT – Book Entry Method.

The Series 2003 Bonds are being issued by the City of Cincinnati, Ohio (the City) for the purpose of paying a portion of the cost of the Greater Cincinnati Water Works (the Utility) Capital Improvement Program and paying the costs of issuance. See SERIES 2003 BONDS – Authorization and Purpose.

The Series 2003 Bonds will be secured by a Master Trust Agreement dated as of March 1, 2001 between the Trustee and the City and as amended by a Second Supplemental Trust Agreement dated as of March 1, 2003 between the Trustee and the City (together, the Trust Agreement). The Trust Agreement will secure the Series 2003 Bonds and Additional Bonds by a pledge of the Net Revenues of the Utility and of the Special Funds.

Terms used, but not defined, in this Official Statement are used as defined in the Trust Agreement. See APPENDIX A – Summary of Certain Definitions Used in the Trust Agreement.

**THE SERIES 2003 BONDS ARE NOT GENERAL OBLIGATIONS, BUT ARE SPECIAL OBLIGATIONS OF THE CITY, PAYABLE SOLELY FROM THE NET REVENUES OF ITS UTILITY AND THE SPECIAL FUNDS CREATED UNDER THE MASTER TRUST AGREEMENT, AND NEITHER THE GENERAL CREDIT NOR TAXING POWER OF THE CITY OR OF THE STATE OF OHIO OR ANY POLITICAL SUBDIVISION THEREOF IS PLEDGED TO PAYMENT OF THE PRINCIPAL OF, PREMIUM, IF ANY, OR INTEREST ON THE SERIES 2003 BONDS.**

**MATURITY SCHEDULE**  
**(December 1)**

<u>Year</u>	<u>Amount</u>	<u>Interest Rate</u>	<u>Price</u>	<u>Year</u>	<u>Amount</u>	<u>Interest Rate</u>	<u>Price</u>
2004	\$3,935,000	2.00%	101.285%	2014	\$5,155,000	5.00%	107.317%
2005	4,015,000	2.00	101.795	2015	200,000	4.05	99.896
2006	4,095,000	2.00	101.044	2015	5,495,000	5.00	106.520
2007	4,175,000	2.10	99.864	2016	700,000	4.15	99.890
2008	4,265,000	2.55	99.944	2016	5,280,000	5.00	105.802
2009	3,575,000	2.90	99.815	2017	6,275,000	5.00	105.161
2009	800,000	4.50	109.533	2018	6,585,000	5.00	104.594
2010	1,950,000	3.25	99.725	2019	6,915,000	5.00	104.032
2010	2,565,000	5.00	111.594	2020	7,260,000	5.00	103.473
2011	800,000	3.55	99.921	2021	7,625,000	5.00	102.917
2011	3,905,000	5.00	110.199	2022	460,000	4.60	99.864
2012	4,930,000	5.00	108.931	2022	7,545,000	5.00	102.641
2013	405,000	3.80	99.733	2023	275,000	4.65	99.729
2013	4,770,000	5.00	108.194	2023	8,130,000	5.00	102.228
2014	275,000	3.95	100.000				

(Plus accrued interest from March 1, 2003)

The Series 2003 Bonds are subject to redemption prior to maturity as described herein.

The Series 2003 Bonds are offered when, as and if issued and received by the Underwriters, subject to prior sale and to withdrawal or modification of the offer without notice. Certain legal matters relating to the issuance of the Series 2003 Bonds will be subject to the approving legal opinions of Peck, Shaffer & Williams LLP and Graves & Horton, LLC Co-Bond Counsel (See LEGAL OPINION and TAX MATTERS). A.G. Edwards & Sons, Inc. has acted as Financial Advisor to the City in connection with the issuance of the Bonds. Certain matters will be passed upon for the City by the City Solicitor, J. Rita McNeil, and for the Underwriters by Squire, Sanders & Dempsey L.L.P. The Series 2003 Bonds are expected to be available for delivery in definitive form in New York, New York on or about March 5, 2003.

**SEASONGOOD & MAYER, LLC****MORGAN STANLEY****APEX PRYOR SECURITIES****FIFTH THIRD SECURITIES**

The date of this Official Statement is February 20, 2003 and information contained herein speaks only as of that date.

## Parity Debt Service Requirements

The following are the annual debt service requirements on the Series 2003 Bonds and the Series 2001 Bonds required under the Trust Agreement:

<u>Year</u>	<u>Series 2003 Bonds</u>			<u>Debt Service Series 2001 Bonds</u>	<u>Total Debt Service</u>
	<u>Principal</u>	<u>Interest</u>	<u>Debt Service</u>		
2003	0.00	\$3,665,911.89	\$3,665,911.89	\$7,555,512.50	\$11,221,424.39
2004	\$3,935,000.00	4,887,882.50	8,822,882.50	7,554,362.50	16,377,245.00
2005	4,015,000.00	4,809,182.50	8,824,182.50	7,557,177.50	16,381,360.00
2006	4,095,000.00	4,728,882.50	8,823,882.50	7,554,627.50	16,378,510.00
2007	4,175,000.00	4,646,982.50	8,821,982.50	7,554,522.50	16,376,505.00
2008	4,265,000.00	4,559,307.50	8,824,307.50	7,557,722.50	16,382,030.00
2009	4,375,000.00	4,450,550.00	8,825,550.00	7,554,207.50	16,379,757.50
2010	4,515,000.00	4,310,875.00	8,825,875.00	7,558,782.50	16,384,657.50
2011	4,705,000.00	4,119,250.00	8,824,250.00	7,557,837.50	16,382,087.50
2012	4,930,000.00	3,895,600.00	8,825,600.00	7,558,112.50	16,383,712.50
2013	5,175,000.00	3,649,100.00	8,824,100.00	7,554,487.50	16,378,587.50
2014	5,430,000.00	3,395,210.00	8,825,210.00	7,554,862.50	16,380,072.50
2015	5,695,000.00	3,126,597.50	8,821,597.50	7,554,037.50	16,375,635.00
2016	5,980,000.00	2,843,747.50	8,823,747.50	7,557,212.50	16,380,960.00
2017	6,275,000.00	2,550,697.50	8,825,697.50	7,555,312.50	16,381,010.00
2018	6,585,000.00	2,236,947.50	8,821,947.50	7,557,237.50	16,379,185.00
2019	6,915,000.00	1,907,697.50	8,822,697.50	7,556,737.50	16,379,435.00
2020	7,260,000.00	1,561,947.50	8,821,947.50	7,555,737.50	16,377,685.00
2021	7,625,000.00	1,198,947.50	8,823,947.50	7,558,487.50	16,382,435.00
2022	8,005,000.00	817,697.50	8,822,697.50	0.00	8,822,697.50
2023	8,405,000.00	419,287.50	8,824,287.50	0.00	8,824,287.50
<b>TOTAL</b>	<b>\$112,360,000.00</b>	<b>\$67,782,301.89</b>	<b>\$180,142,301.89</b>	<b>\$143,566,977.50</b>	<b>\$323,709,279.39</b>

### Other Obligations Payable from Revenues

As discussed above under **SERIES 2003 BONDS — AUTHORIZATION AND PURPOSE**, there are currently outstanding \$67,810,000 of long-term general obligation bonds (the Utility General Obligations) that the City issued for Utility Improvements. Debt service on those Utility General Obligations is payable from ad valorem taxes if not paid from any other source, but the City has in fact paid that debt service from surplus Utility revenues, and the City intends to pay future debt service on the Utility General Obligations from the Revenues to be deposited in the Subordinate Debt Service Fund.

Payment of debt service on the outstanding and any future Utility General Obligations and on any other Subordinate Debt that the City may issue or incur may be made from the Subordinate Debt Service Fund, but only if and to the extent that the City has made all required deposits to and payments from the Bond Fund and Bond Reserve Fund. The holders of Subordinate Debt have no claim on or right to payment from the Bond Fund or the Bond Reserve Fund. To comply with the rate covenant that the City makes in the Trust Agreement, the City must include debt service on Subordinate Debt in computing the amount required to be covered at least 100% by Net Revenues. See **SECURITY AND SOURCES OF PAYMENT — Rate Covenant**.

## USERS      Countywide Water Main Improvements - Ph II

The population served by this project is expected to exceed 50% of the entire Water Works Service Area in Hamilton County. Large transmission mains typically serve a large number of customers and carry a large volume of water. The four water mains listed below serve a majority of the population that is served by all 151 mains within this project.

Map #	Project Number	Project Name	Population Served	Basis
47	96092	EDEN PARK DR/GILBERT AV	24,350	50% of Central Service Area
151	3019	MEHRING WY/PETE ROSE TO STATE	14,610	30% of Central Service Area
152	20099	TENNYSON/KELLOGG/DELTA	329,250	Eastern Hill Service Area
152	20099	TENNYSON/KELLOGG/DELTA	<u>41,290</u>	Brecon Service Area
		<b>TOTAL</b>	<b>409,500</b>	

See Table 2-4 Poulation Served by Service Area

See Figure 2-8 for Service Area locations

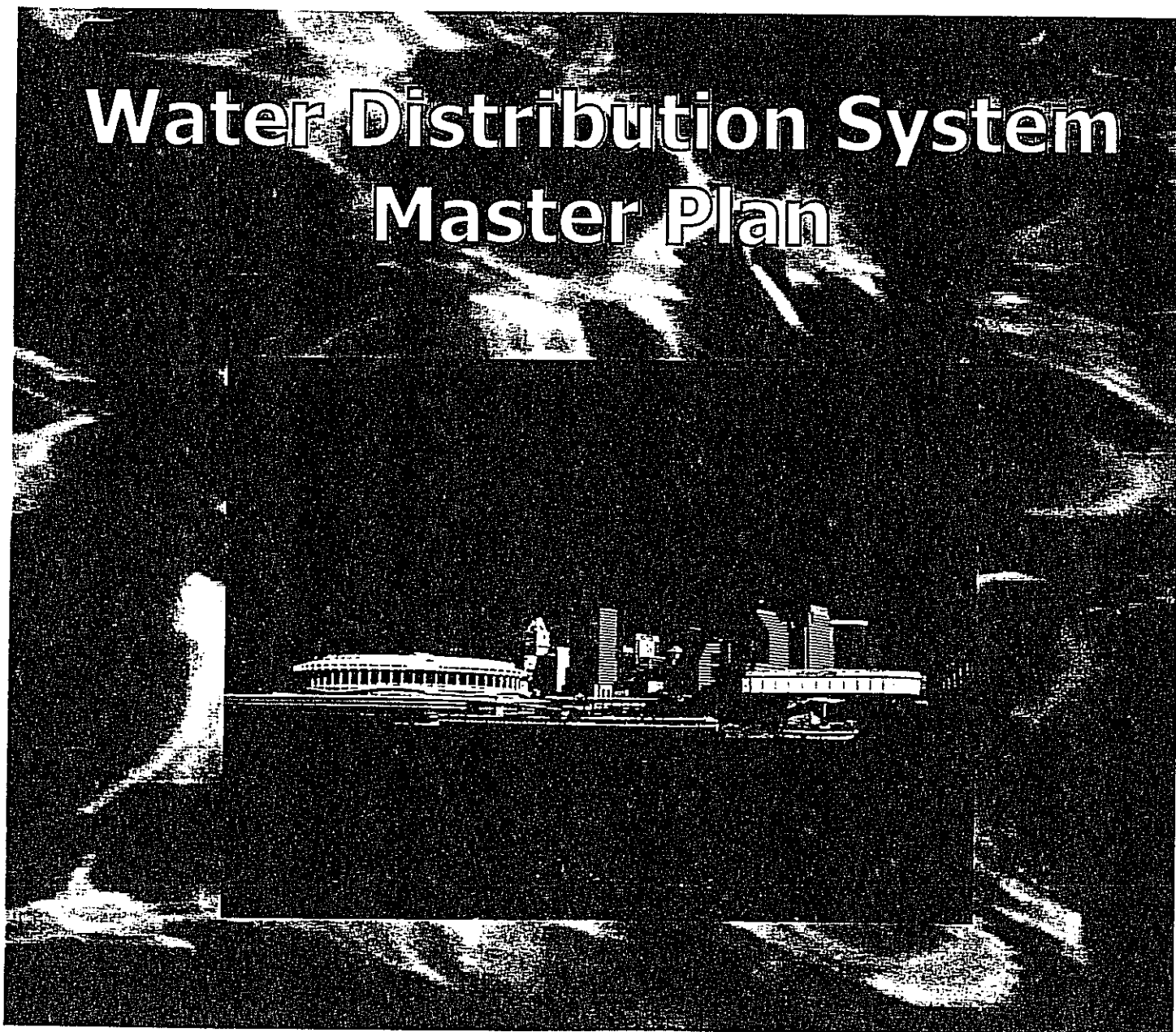
Water Distribution System Master Plan  
Department of Water Works  
September 1999

# City of Cincinnati, Ohio

## Department of Water Works



# Water Distribution System Master Plan



BLACK & VEATCH

September 1999

PN 62028



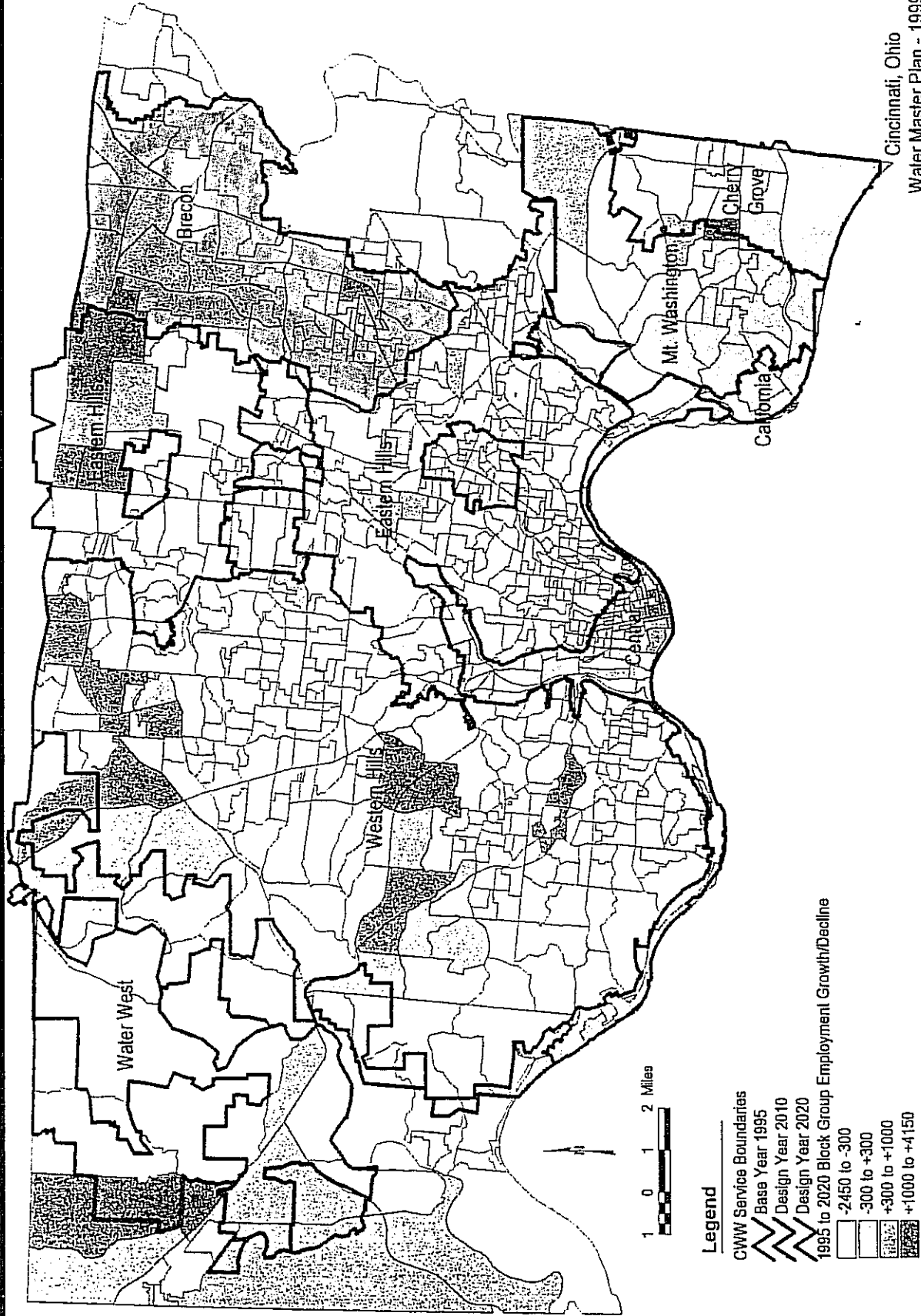
## 2.2.4 Service Level Population

Population served by service level is given in Table 2-4 and shown on Figure 2-9. The service level populations include all retail and wholesale customers in the Primary and Secondary Study Areas except the BFWC service area. Table 2-4 also includes the service level population located specifically within the Primary Study Area (Hamilton County).

<b>Table 2-4</b> <b>Population Served by Service Level</b>							
Service Level	Population Served <sup>(1)</sup>						
	Year						
	1960	1970	1980	1990	1995	2010	2020
Central <sup>(3)</sup>	123,254	69,201	53,375	50,258	48,700	47,350	46,960
Western Hills	232,329	326,559	347,872	341,611	338,480	355,320	372,960
Eastern Hills	397,665	410,702	350,177	336,226	329,250 322,890 <sup>(2)</sup>	376,930 310,310 <sup>(2)</sup>	410,000 309,100 <sup>(2)</sup>
Brecon	7,815	7,941	14,535	32,372	41,290 40,970 <sup>(2)</sup>	101,200 43,730 <sup>(2)</sup>	147,680 47,360 <sup>(2)</sup>
Mt. Washington	21,466	29,000	30,854	33,391	34,660	35,160	36,500
Cherry Grove	5,401	10,915	17,335	20,565	22,180 21,900 <sup>(2)</sup>	22,050 21,770 <sup>(2)</sup>	23,530 23,250 <sup>(2)</sup>
California	995	825	495	658	740	760	770
Water West	-	-	-	-	450	10,540 9,460 <sup>(2)</sup>	17,200 16,120 <sup>(2)</sup>
Total	788,925	855,143	814,643	815,081	815,750 808,790 <sup>(2)</sup>	949,310 823,860 <sup>(2)</sup>	1,055,600 853,020 <sup>(2)</sup>
<sup>(1)</sup> Includes Total Study Area retail and wholesale customers. <sup>(2)</sup> Service level population residing within Primary Study Area (Hamilton County). <sup>(3)</sup> Boone-Florence Water Commission population not included.							

# Service Areas

D:\Projects\27684\active\2\Report\up\_1049.rpt LaBelle 8/31/99



Cincinnati, Ohio  
 Water Master Plan - 1999  
 1995 to 2020 Hamilton County  
 Block Group Employment Growth/Decline

Figure 2-8



BLACK & VEATCH



## CONDITION RATING FOR WATER MAINS

The condition ratings utilized by the Hamilton County Integrating Committee are not consistent with the rating system utilized by the Greater Cincinnati Water Works (GCWW). Using the "ADDENDUM TO THE RATING SYSTEM", the closest definition for a water main being replaced is the **CRITICAL CONDITION**. Typically the GCWW classifies most replacement water mains as being in **Marginal Condition**.

The GCWW does not usually televise all water mains before they are replaced. The GCWW maintains maintenance files that aid in prioritizing future water main replacement projects.

As indicated in the funding applications, water mains are replaced for numerous reasons. The **Countywide Water Main Improvements Phase II** project includes main that are being replaced for numerous reasons including documented maintenance history problems, age greater than 40 years, street improvements with roadway grade/alignment changes, conflicts with other utilities, upgrade leaded joint piping for 6" and 8" mains, mains with flow restrictions, rusty water, and expanding the system into areas that have not been served or due to new development.

Map #	Project Number	Project Name	Funding Capital	Expenses Capital	Project Balance	YEAR BUILT	REASON FOR PROJECT
<b>WATER MAIN REPLACEMENT PROJECTS</b>							
1	94093	ADLER ST/HARRISON TO FAIRMOUNT	150,000.00	1,525.00	148,475.00	1926	maintenance
2	02163	ALOMAR DR & HIBERNIA DR	10,000.00	488.26	9,511.74	1957	conflict
3	97099	ALPINE PL/ST JAMES TO NASSAU	727,314.79	656,823.10	70,491.69	1965	main/upgrade
4	94078	AMOR PL/WESTWOOD AV TO S TERM	100,000.00	79,605.04	20,394.96	1927	flow
5	94079	ARGUS/GROESBECK, GROESBECK CDR	580,000.00	562,937.28	17,062.72	1947	maintenance
6	02151	ART MUSEUM DR	130,000.00	1,611.82	128,388.18	1940	conflict
7	96102	ASBURY RD, AYERS TO 750' S RVR	240,000.00	205,010.16	34,989.84	1936	flow
8	02143	AURORA AV-BRIDGETOWN/LAWRENCE	350,194.00	194.40	349,999.60	1937	maintenance
9	01104	AYERSHIRE, SUNRAY & WILLSHIRE	15,000.00	3,253.08	11,746.92	1925	upgrade
10	03080	BATAVIA/SIGNAL HILL	60,000.00	0.00	60,000.00	1930	maintenance
11	20053	BEECH GROVE/SIDNEY	885,000.00	663,268.56	221,731.44	1933	maintenance
12	83065	BEECHMONT AVE, SR 32 TO CORBLY	920,789.22	901,029.81	19,759.41	1959	upgrade
13	92030	BEECHTREE, VIEW PL TO E TERM	234,000.00	220,200.94	13,799.06	1955	maintenance
14	02068	BEEKMAN ST, HARRISON AV	750,000.00	655,778.73	94,221.27	1930	conflict
15	01074	BELLBROOK/PRINCESS/RIDDLE PH 1	1,045,000.00	50,416.18	994,583.82	1957	upgrade
16	02087	BELVIOR, CHEREVILLA	925,000.00	33,057.16	891,942.84	1952	maintenance
17	01079	BETHESDA/ERKENBROCKR/SHLDS/VINE	1,000,000.00	58,727.57	941,272.43	1932	maintenance
18	95066	BETTS AV, N BEND TO GALBRAITH	945,000.00	53,094.57	891,905.43	1924	flow
19	01070	BOOMER RD/ARROW AV/MONFORT HT	1,500,000.00	129,164.83	1,370,835.17	1925	maintenance
20	02049	BRAODVIEW DE/COUNTRY CLUB DR	400,000.00	37,335.81	362,664.19	1925	flow
21	02062	BUCKINGHAM PL & PLAINVILLE RD	500,000.00	470,937.46	29,062.54	1925	upgrade
22	02149	CAMBRIDGE, LOCKARD, LONGBOURN	65,000.00	0.00	65,000.00	1928	flow
23	02085	CARDIFF/CLUB VIEW/JORAMARBURG	480,000.00	38,790.17	441,209.83	1937	maintenance
24	96124	CENTER HILL-ESTE AV MCGREGOR	118,000.00	17,458.20	100,541.80	1925	upgrade
25	20071	CENTRAL AV-PETE ROSE WY TO 3RD	185,075.04	142.01	184,933.03	1962	conflict
26	20119	CHURCH ST-MAIN ST TO VALLEY AV	355,000.00	329,571.35	25,428.65	1930	type material
27	02166	CHURCH ST-SR 32 TO RAGLAND	100,000.00	6,000.00	94,000.00	1925	upgrade
28	03067	CIN 157, CALHOUN ST.	50,000.00	949.91	49,050.09	1925	conflict
29	93077	CLEVESWARSAW-GLENWAY TO COVEDA	820,000.00	805,529.63	14,470.37	1947	maintenance
30	02052	CLIFTON AVENUE	140,000.00	34,740.85	105,259.15	1907	maintenance
31	93090	CLIFTON/WARNER/SAUER/ZIER	1,301,231.45	566,169.36	735,062.09	1890	flow/maint.
32	94099	CLVLND/RDGWY/DRXL/HRTFRD/CLVLN	746,000.00	717,038.86	28,961.14	1914	age
33	20118	COLERAIN-COMMON CIR TO SPRNGDL	350,000.00	6,833.71	343,166.29	1961	conflict/upgrade
34	02017	COLERAIN-SPRINGDALE TO STRUBLE	950,618.44	846,014.70	104,603.74	1961	conflict/upgrade
35	20085	COLERDGG/ZNSL/KRKUP/STNDSH/IONA	607,000.00	581,963.70	25,036.30	1930	maintenance
36	03055	COLLINSDALE-BEECHMONT TO GUNGA	250,000.00	12,849.79	237,150.21	1926	upgrade
37	02078	CORNELL RD BRIDGE REPLACEMENT	110,000.00	40,964.63	69,035.37	1960	conflict

Map #	Project Number	Project Name	Funding Capital	Expenses Capital	Project Balance	YEAR BUILT	REASON FOR PROJECT
38	01109	DIRHEIM AVE	50,000.00	2,094.87	47,905.13	1908	upgrade
39	95069	DOG TROT, TAYLOR TO BRIDGETOWN	1,000,000.00	646,451.05	353,548.95	1948	flow
40	94084	DORCHESTER AV/BURNET AV	1,100,000.00	56,555.09	1,043,444.91	1934	maint./flow
41	02075	DREW, RACEVIEW AND GARY	551,155.80	506,599.96	44,555.84	1946	upgrade
42	99092	DUCK CREEK REHAB/FAIRFAX	75,000.00	21,120.93	53,879.07	1925	conflict
43	02136	DUCK CREEK W.M. PROJECT	75,000.00	33,257.18	41,742.82	1925	conflict
44	02028	EAST PRICE HILL WTR MAIN REHAB	1,400,000.00	70,921.65	1,329,078.35	1925	rehab
45	02137	EASTERN AV REHAB-BAINS/VANCE	2,000,000.00	9,142.45	1,990,857.55	1908	flow
46	02054	EDALBERT DR & PARAMOUNT RIDGE	225,000.00	16,947.82	208,052.18	1936	upgrade
47	96092	EDEN PARK DR/GILBERT AV	1,100,000.00	48.93	1,099,951.07	1925	upgrade
48	03054	EDGEETREE/GLENNA/HIGHVIEW/JUNIP	50,000.00	24,685.94	25,314.06	1945	maintenance
49	03050	ELLIOT AVE BRIDGE REPLACEMENT	50,000.00	2,166.79	47,833.21	1925	conflict
50	93087	EVERSOLE-SALEM TO CHESTNUT	400,000.00	297,853.72	102,146.28	1925	maintenance
51	01075	FAXN/JASMNE/PANOLA/JOLIET/RBRT	800,000.00	35,284.25	764,715.75	1956	maintenance
52	03057	FERDINAND/PAXTON/SHERREL	80,000.00	7,783.72	72,216.28	1930	maintenance
53	03056	FILVIEW/HARRISON RD	65,000.00	444.58	64,555.42	1926	upgrade
54	92034	FOUR MILE, SUTTON TO KELLOGG	965,000.00	225,027.81	739,972.19	1953	maintenance
55	02141	FOX HUNTER LANE	320,000.00	16,265.11	303,734.89	1964	maintenance
56	03082	GALBRAITH-MONTGMRY TO CALDERWD	50,000.00	6,577.86	43,422.14	1927	maintenance
57	03059	GILCREST/PLUMRIDGE/DENGAIL	35,000.00	30,664.20	4,335.80	1957	maintenance
58	03065	GLEN ACRES WTR MAIN REPLACE	200,000.00	0.00	200,000.00	1930	upgrade
59	02091	GLENGATE/KNIGHT/LAWNDALE	550,000.00	30,657.20	519,342.80	1953	maintenance
60	94104	GLENMORE AV/WOODBINE TO WERK	1,025,000.00	930,963.89	94,036.11	1928	upgrade
61	94086	GLNDL-MLFRD/RR TRACK S TO RDNG	600,000.00	48,784.29	551,215.71	1958	main
62	20081	GOBEL AV/WSTWD NRTHRN BRCKN WD	275,000.00	8,933.09	266,066.91	1963	conflict
63	20122	GOODMAN-SIMPSON TO GALBRAITH	55,000.00	295.70	54,704.30	1980	upgrade
64	02135	GRAND AVE./WARSAN	500,000.00	269.79	499,730.21	1847	upgrade
65	03053	GRAND-WESTWOOD TO GLENWAY	50,000.00	12,804.94	37,195.06	1949	maintenance
66	03076	GREENWELL/GLENROY/SCHROER	50,000.00	867.79	49,132.21	1938	conflict/upgrade
67	99077	GWILADA DR/GALBRAITH TO N TERM	330,000.00	294,123.93	35,876.07	1952	maintenance
68	93084	HAFT-WEST FORK TO 2600' SOUTH	320,000.00	282,179.15	37,820.85	1935	maintenance
69	02033	HAM-126-34.175 GLENDALE MLFRD	150,000.00	5,078.69	144,921.31	1970	conflicts/upgrade
70	01106	HAMILTON AV, 7 HILLS TO I-275	50,000.00	118.21	49,881.79	1967	conflicts/upgrade
71	20089	HAMILTON AV-CIVIC CNTR/STRUBLE	100,000.00	46,956.00	53,044.00	1925	maintenance
72	98082	HOPPLE ST I75 TO MEEKER	308,000.00	270,703.14	37,296.86	1916	conflict
73	02046	HUNT RD-KENNWOOD TO BLUE ASH	87,539.12	3,708.15	83,830.97	1925	upgrade/main
74	20091	HUNT/WEST/BROWN/RIDGEWAY	1,000,000.00	42,494.10	957,505.90	1941	maintenance
75	02138	HUTCHINSON RD-BENKEN/FILVIEW	100,000.00	10,416.87	89,583.13	1959	maintenance
76	01065	I-275 FIVE MILE RD TO SR 32	20,000.00	6,911.38	13,088.62	1925	conflict
77	99078	INCINERATOR RD/SHARON TO N TRM	125,000.00	22,612.03	102,387.97	1937	maintenance

Map #	Project Number	Project Name	Funding Capital	Expenses Capital	Project Balance	YEAR BUILT	REASON FOR PROJECT
78	02124	JESSUP RD-CHEVIOT TO VOGEL	1,010,000.00	933,994.27	76,005.73	1925	flow
79	20092	KELLER/CONCORD HILLS CIRCLE	519,897.93	477,153.71	42,744.22	1940	maintenance
80	03091	KIRBY RD, VIRGINIA TO N BEND	10,000.00	2,588.31	7,411.69	1925	conflict/water qual
81	99079	KIRBY RD/FREDERICK TO TERM	690,000.00	270,647.04	419,352.96	1947	water quality
82	92040	KIRTLEY/CARROL/KANAWHA	550,391.70	465,844.07	84,547.63	1932	flow
83	02089	KNOLL RD/KNOLL DR/SECTN/VERGER	30,000.00	17,832.41	12,167.59	1930	upgrade
84	99076	KUGLER MILL/MONTGOMERY RD	200,000.00	85,744.56	114,255.44	1927	maintenance
85	20074	KUGLER MILL-PLAINFIELD/BLU ASH	233,185.50	187,981.00	45,204.50	1926	maintenance
86	01073	LANGDON FARM RD/SEYMOUR AVE	1,629,833.85	50,012.72	1,579,821.13	1928	maintenance
87	20007	LEO/MARTIN/LAWRENCE-ST BERNARD	210,000.00	203,219.92	6,780.08	1925	upgrade
88	94088	LIBERTY ST/CENTRAL TO BROADWAY	1,025,952.05	998,781.88	27,170.17	1926	maintenance
89	93075	LIDDELL/GROVE/DEMPSEY/WAVELAND	520,000.00	43,203.68	476,796.32	1885	upgrade
90	94106	LINWOOD AV/OBSRVATORY TO ESTRN	1,816,000.00	1,833,160.13	-17,160.13	1936	maintenance
91	96106	LONG LN/MARVIEW TR/CANDY LN	1,400,000.00	90,142.83	1,309,857.17	1931	maintenance
92	94108	MAIN ST/WALNUT ST/THIRD ST	200,000.00	18,881.59	181,118.41	1868	upgrade
93	03035	Marlmont Rehab	2,550,000.00	86,383.40	2,463,616.60	1925	rehab./maint.
94	91060	MARSHALL/MCMICKEN-PROBASCO TO	528,144.50	405,932.39	122,212.11	1925	maintenance
95	03041	MARVIN, RICHARD & TELFORD	300,000.00	3,141.74	296,858.26	1927	upgrade
96	03010	MCKELVEY/LAKERIDGE	95,000.00	97.20	94,902.80	1951	maintenance
97	94109	MCMILLAN/FRVW/HRMN/CLMR/VLLYVW	850,000.00	649,325.37	200,674.63	1916	upgrade
98	01077	MEYERFIELD AV & TAFT AV	301,000.00	10,870.27	290,129.73	1913	flow
99	01043	MONTGMY/KENWD/GALBRTH/HOSBROK	1,700,000.00	3,492.32	1,696,507.68	1926	conflict
100		INTENTIONALLY LEFT BLANK					
101	02071	MT HOPE RD IMPROVEMENTS	1,125,000.00	120,349.01	1,004,650.99	1925	conflicts/upgrade
102	97113	MULBERRY ST-VINE TO SYCAMORE	272,699.06	246,316.04	26,383.02	1930	maintenance
103	94110	OHIO AV/SECTION RD, S OF LNSDW	1,200,000.00	46,502.63	1,153,497.37	1925	flow
104	01110	OREGON & MONASTERY STS.	50,000.00	25,275.17	24,724.83	1931	maintenance
105	92027	PADDOCK RD, TENNESSEE TO 77TH	1,198,000.00	1,173,534.55	24,465.45	1934	maintenance
106	99063	PADDOCK WIDENING-N BEND TOWARD	2,375,615.00	2,388,223.69	-12,608.69	1911	conflict
107	01019	PANDORA/ASHWOOD	500,000.00	360,928.70	139,071.30	1930	maintenance
108	02133	PETE ROSE WAY/MEHRING WAY	3,850,000.00	10,996.22	3,839,003.78	1925	upgrade
109	3038	Philorett, N Bend Rd to Term	200,000.00	26,654.11	173,345.89	1936	maint./flow
110	03036	PLAINVILLE, MURRAY	70,000.00	0.00	70,000.00	1941	upgrade
111	01084	PROSPERITY PL-FERGUSON/ASHBRK	950,000.00	57,785.37	892,214.63	1941	maintenance
112	02126	RAILROAD AV-VINE TO W TERMINUS	265,000.00	260,299.91	4,700.09	1915	upgrade
113	20093	READING RD-CHAUCER TO SECTION	1,469,671.16	45,103.11	1,424,568.05	1941	maintenance
114	96107	REEMELIN, M BEND TO W CRSTKNOL	560,000.00	93,345.92	466,654.08	1948	maintenance
115	03079	RGLAND/HERMITAGE	65,000.00	3,571.75	61,428.25	1938	maintenance
116	03058	RIVER RD, DELHI TO HILLSIDE	50,000.00	26,545.34	23,454.66	1928	maintenance
117	01081	ROBB AVENUE	636,000.00	454,901.16	181,098.84	1922	maintenance

Map #	Project Number	Project Name	Funding Capital	Expenses Capital	Project Balance	YEAR BUILT	REASON FOR PROJECT	
118	01060	ROBISON-WOODFORD TO MONTGOMERY	270,000.00	195,332.46	74,667.54	1930	upgrade	
119	01096	ROE ST BRIDGE-WINONA/SETTLE	50,000.00	4,559.50	45,440.50	1925	upgrade	
120	95075	ROE ST, TOMPKINS TO BERWICK	1,070,500.00	1,025,722.15	44,777.85	1925	water quality	
121	01049	ROOKWOOD WATER MAIN REPLACE	600,000.00	535,662.76	64,337.24	1925	water quality	
122	02047	SALVIA/SARANAC	275,000.00	33,901.80	241,098.20	1929	flow	
123	02139	SHERMAN,SHIRMER,COOLIDGE,BROOK	610,000.00	542.62	609,457.38	1925	upgrade	
124	02072	SHINKEL RD-DOG TROT TO N TERM	500,000.00	21,713.24	478,286.76	1948	upgrade	
125	96094	SPRING ST, LIBERTY TO TWELFTH	220,000.00	10,593.56	209,406.44	1913	maintenance	
126	20052	SR 128, MILL RD TO I-74	243,250.00	163,201.22	80,048.78	1925	maintenance	
127	02044	ST MARTINS PL-ROBB TO W TERM	275,000.00	252,840.02	22,159.98	1923	upgrade	
128	95065	STANFORD/NORTHVV/HOWARD/BARVAC	350,000.00	272,987.03	77,012.97	1938	upgrade	
129	03083	STELLA/MARIE/MAYFAIR	50,000.00	0.00	50,000.00	1925	upgrade	
130	03051	STOLL LANE STREET IMPROVEMENT	600,000.00	319.03	599,680.97	1940	maint	
131	02053	STRATFORD AVENUE	43,000.00	188.73	42,811.27	1931	maintenance	
132	96096	SUSSEX ST, CORBLY 500' N COFFY	142,256.34	112,140.98	30,115.36	1940	maintenance	
133	02125	SUTTON RD-CULVERT REPLACEMENTS	10,000.00	3,016.17	6,983.83	1948	maintenance	
134	20094	SYLVED/MUDDY CREEK	500,000.00	451,731.48	48,268.52	1942	maintenance	
135	20098	TAYLOR RD/WESSELMAN RD	978,018.52	15,512.53	962,505.99	1955	maintenance	
136	02140	TWENTY EIGHTH ST/ALBERTS CT	100,000.00	27,842.88	72,157.12	1915	water quality	
137	01071	VAN KIRK AVE	325,000.00	32,160.74	292,839.26	1930	maintenance	
138	03037	W GALBRAITH, WJUEST RD	100,000.00	0.00	100,000.00	1947	maint	
139	01041	WAREHAM/VAN METER/ELSINORE	390,792.58	177,251.51	213,541.07	1925	conflict	
140	02109	WASHINGTON AV/GREENLEE TO VINE	10,000.00	0.00	10,000.00	1925	conflicts/upgrade	
141	89046	WATCHPOINT & CEDAR PT BURNEY T	500,000.00	382,498.67	117,501.33	1940	flow	
142	02153	WEST FORK RD/SHEED RD/GAINES	75,000.00	22,420.00	52,580.00	1925	maintenance	
143	92029	WESTBROOK, BOUDINOT LAFEUILLE	680,000.00	51,962.68	628,037.32	1947	maintenance	
144	94119	WH TAFT/HLTN PL/HGHLND/OAK/MAY	1,600,000.00	110,153.20	1,489,846.80	1942	upgrade	
145	01097	WOODRUFF-ASBURY TO 8 MILE	570,000.00	426,373.28	143,626.72	1949	maintenance	
146	96009	WOOSTER PIK-OAK TO NEWTOWN	2,300,000.00	1,270,302.65	1,029,697.35	1925	water quality	
147	20096	WSTWD NRTHN BV-SUTTER/BEEKMAN	504,948.13	426,003.33	78,944.80	1946	maintenance	
148	02090	ZIG ZAG ROAD	60,000.00	40,198.60	19,801.40	1926	upgrade	
					\$79,591,074.18	\$31,064,145.19	\$48,526,928.99	284,205
					Average Age			1,933
NEW WATER MAINS								
149	99107	EASTERN, MAIN STATION TO VANCE	3,464,972.40	1,382,621.78	2,082,350.62	NA	Expansion	
150		INTENTIONALLY LEFT BLANK						
151	03019	MEHRING WY-PETE ROSE TO STATE	1,500,000.00	0.00	1,500,000.00	NA	Expansion	
152	20099	TENNYSON/KELLOGG/DELTA	5,075,552.00	260,552.14	4,814,999.86	NA	Expansion	
153	02113	HARRISON AND WESSELMAN RDS	860,000.00	45,971.14	814,028.86	NA	expansion	

# ADDITIONAL SUPPORT INFORMATION

For Program Year 2004 (July 1, 2004 through June 30, 2005), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items, as noted, is required. The applicant should also use the rating system and its' addendum as a guide. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

**IF YOU ARE APPLYING FOR A GRANT, WILL YOU BE WILLING TO ACCEPT A LOAN IF ASKED BY THE DISTRICT? \_\_\_\_\_ YES    X NO (ANSWER REQUIRED)**

Note: Answering "Yes" will not increase your score and answering "NO" will not decrease your score.

1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?

Give a statement of the nature of the deficient conditions of the present facility exclusive of capacity, serviceability, health and/or safety issues. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded. Use documentation (if possible) to support your statement. Documentation may include (but is not limited to): ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application. Examples of deficiencies include: structural condition; substandard design elements such as widths, grades, curves, sight distances, drainage structures, etc.

Most of the replacement water mains are in marginal condition. See attached discussion on Condition. These mains are primarily being replaced due to their age (average age of 70 years for replacement mains) and documented maintenance problems (leaks). In addition mains are also replaced due to poor flow, type of pipe material and type of joint material, conflicts and water quality. The attached project listing indicates the age of the mains being replaced and the reasons for replacement.

2) How important is the project to the safety of the Public and the citizens of the District and/or service area?

Give a statement of the projects effect on the safety of the service area. The design of the project is intended to reduce existing accident rate, promote safer conditions, and reduce the danger of risk, liability or injury. (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, and highway capacity.) Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

The project will improve the safety of the area by installing new fire hydrants that are more reliable than the previous fire hydrants and improving marginal flows in the mains. In addition, all lead branches in the right of way will be replaced with copper. The project will help minimize the number of water main breaks and disruption to fire hydrant service.

3) How important is the project to the health of the Public and the citizens of the District and/or service area?

Give a statement of the projects effect on the health of the service area. The design of the project will improve the overall condition of the facility so as to reduce or eliminate potential for disease, or correct concerns regarding the environmental health of the area. (Typical examples may include the effects of the completed project by improving or adding storm drainage or sanitary facilities, replacing lead jointed water lines, etc.). Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

The project is important to the health of the Water Works (GCWW) consumers. Water quality is improved when older lead jointed, unlined corroded and turberculated cast iron mains are replaced assuring that high quality water will continue to be provided. The project will improve the water flow in mains. This project will also provide improvement for fire flow for commercial insurance purposes. All water pipes with lead will be replaced.

4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?

The jurisdiction must submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance.

Priority 1 Countywide Water Main Improvements – Phase II

Priority 2 Harrison Avenue Water Main Replacement

Priority 3 \_\_\_\_\_

Priority 4 \_\_\_\_\_

Priority 5 \_\_\_\_\_

5) Will the completed project generate user fees or assessments?

Will the local jurisdiction assess fees or project costs for the usage of the facility or its products once the project is completed (example: rates for water or sewer, frontage assessments, etc.).

No \_\_\_\_\_ Yes X If yes, what user fees and/or assessments will be utilized?

The current water rates are indicated on the attached City Ordinance. The rates will not change as a result of this project.

6) Economic Growth – How will the completed project enhance economic growth

Give a statement of the projects effect on the economic growth of the service area (be specific).

This project will have a positive affect on economic growth of the GCWW service area by providing additional, plentiful, high quality water. GCWW has the ability to provide additional capacity if additional development occurs within the area.

7) Matching Funds - LOCAL

The information regarding local matching funds is to be filed by the applicant in Section 1.2 (b) of the Ohio Public Works Association's "Application For Financial Assistance" form.

8) Matching Funds - OTHER

The information regarding local matching funds is to be filed by the applicant in Section 1.2 (c) of the Ohio Public Works Association's "Application For Financial Assistance" form. If MRF funds are being used for matching funds, the MRF application must have been filed by August 31st of this year for this project with the Hamilton County Engineer's Office. List below all "other" funding the source(s).

No matching funds are needed. Initially these projects were funded with cash until the revenue bonds could be sold.

- 9) Will the project alleviate serious traffic problems or hazards or respond to the future level of service needs of the district?

Describe how the proposed project will alleviate serious traffic problems or hazards (be specific).

The project will meet future capacity demands. Most of the water main replacement projects are on residential streets that do not expect to experience growth in the future. The new water mains are designed for growth over a 20 year period. All 6" mains will be replaced with 8" mains (except on cul-de-sacs) doubling capacity.

For roadway betterment projects, provide the existing and proposed Level of Service (LOS) of the facility using the methodology outlined within AASHTO'S "Geometric Design of Highways and Streets" and the 1985 Highway Capacity Manual.

Existing LOS \_\_\_\_\_ Proposed LOS \_\_\_\_\_

If the proposed design year LOS is not "C" or better, explain why LOS "C" cannot be achieved.

Not applicable (NA)

- 10) If SCIP/LTIP funds were granted, when would the construction contract be awarded? NA

If SCIP/LTIP funds are awarded, how soon after receiving the Project Agreement from OPWC (tentatively set for July 1 of the year following the deadline for applications) would the project be under contract? The Support Staff will review status reports of previous projects to help judge the accuracy of a jurisdiction's anticipated project schedule.

Number of months \_\_\_\_\_

- a.) Are preliminary plans or engineering completed? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_
- b.) Are detailed construction plans completed? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_
- c.) Are all utility coordination's completed? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_
- d.) Are all right-of-way and easements acquired (if applicable)? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_

If no, how many parcels needed for project? \_\_\_\_\_ Of these, how many are: Takes \_\_\_\_\_

Temporary \_\_\_\_\_

Permanent \_\_\_\_\_

For any parcels not yet acquired, explain the status of the ROW acquisition process for this project.

- e.) Give an estimate of time needed to complete any item above not yet completed. \_\_\_\_\_ Months.



11) Does the infrastructure have regional impact?

Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

This project represents various vital water main projects located throughout Hamilton County. The project consists of distribution, transmission and dual service mains.

12) What is the overall economic health of the jurisdiction?

The District 2 Integrating Committee predetermines the jurisdiction's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

Describe what formal action has been taken which resulted in a ban of the use of or expansion of use for the involved infrastructure? Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits, etc. The ban must have been caused by a structural or operational problem to be considered valid. Submission of a copy of the approved legislation would be helpful.

NA

Will the ban be removed after the project is completed? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_

14) What is the total number of existing daily users that will benefit as a result of the proposed project?

For roads and bridges, multiply current Average Daily Traffic (ADT) by 1.20. For inclusion of public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4. User information must be documented and certified by a professional engineer or the jurisdictions' C.E.O.

Traffic: ADT \_\_\_\_\_ X 1.20 = \_\_\_\_\_ Users

Water/Sewer: Homes \* \_\_\_\_\_ X 4.00 = 409,500 Users

\* See attached population information.

15) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure?

The applying jurisdiction shall list what type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for. (Check all that apply)

Optional \$5.00 License Tax X

Infrastructure Levy X Specify type Infrastructure tax ( a portion of the earnings tax)

Facility Users Fee X Specify type service charge for water supply

Dedicated Tax \_\_\_\_\_ Specify type \_\_\_\_\_

Other Fee, Levy or Tax \_\_\_\_\_ Specify type \_\_\_\_\_

SCIP/LTIP PROGRAM  
ROUND 18 - PROGRAM YEAR 2004  
PROJECT SELECTION CRITERIA  
JULY 1, 2004 TO JUNE 30, 2005

NAME OF APPLICANT: City of Cincinnati

NAME OF PROJECT: Countywide water main improvements Ph. III

RATING TEAM: 5

NOTE: See the attached "Addendum To The Rating System" for definitions, explanations and clarifications to each of the criterion points of this rating system. All changes to the Rating System are italicized.

CIRCLE THE APPROPRIATE RATING

1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?

25 - Failed

Appeal Score

23 - Critical

20 - Very Poor

☒ 17 - Poor

15 - Moderately Poor

10 - Moderately Fair

5 - Fair Condition

0 - Good or Better

2) How important is the project to the safety of the Public and the citizens of the District and/or service area?

25 - Highly significant importance

Appeal Score

20 - Considerably significant importance

15 - Moderate importance

☒ 10 - Minimal importance

5 - Poorly documented importance

0 - No measurable impact

3) How important is the project to the health of the Public and the citizens of the District and/or service area?

25 - Highly significant importance

Appeal Score

20 - Considerably significant importance

15 - Moderate importance

10 - Minimal importance

☒ 5 - Poorly documented importance

0 - No measurable impact

4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?

Note: Jurisdiction's priority listing (part of the Additional Support Information) must be filed with application(s).

☒ 25 - First priority project

Appeal Score

20 - Second priority project

15 - Third priority project

10 - Fourth priority project

5 - Fifth priority project or lower

- 5) Will the completed project generate user fees or assessments? Appeal Score  
 10 - No  
☒ 0 - Yes \_\_\_\_\_
- 6) Economic Growth - How the completed project will enhance economic growth (See definitions). Appeal Score  
 10 - The project will directly secure significant new employment  
 7 - The project will directly secure new employment  
 5 - The project will secure new employment  
 3 - The project will permit more development  
☒ 0 - The project will not impact development \_\_\_\_\_
- 7) Matching Funds - LOCAL  
☒ 10 - This project is a loan or credit enhancement  
 10 - 50% or higher  
 8 - 40% to 49.99%  
 6 - 30% to 39.99%  
 4 - 20% to 29.99%  
 2 - 10% to 19.99%  
 0 - Less than 10%
- 8) Matching Funds - OTHER  
☒ 10 - 50% or higher  
 8 - 40% to 49.99%  
 6 - 30% to 39.99%  
 4 - 20% to 29.99%  
 2 - 10% to 19.99%  
 1 - 1% to 9.99%  
☒ 0 - Less than 1%
- 9) Will the project alleviate serious traffic problems or hazards or respond to the future level of service needs of the district? (See Addendum for definitions) Appeal Score  
 10 - Project design is for future demand.  
 8 - Project design is for partial future demand.  
 6 - Project design is for current demand.  
 4 - Project design is for minimal increase in capacity.  
☒ 2 - Project design is for no increase in capacity. \_\_\_\_\_
- 10) Ability to Proceed - If SCIP/LTIP funds are granted, when would the construction contract be awarded? (See Addendum concerning delinquent projects)  
☒ 5 - Will be under contract by December 31, 2004 and no delinquent projects in Rounds 15 & 16  
 3 - Will be under contract by March 31, 2005 and/or one delinquent project in Rounds 15 & 16  
 0 - Will not be under contract by March 31, 2005 and/or more than one delinquent project in Rounds 15 & 16
- 11) Does the infrastructure have regional impact? Consider origination and destination of traffic, functional classifications, size of service area, and number of jurisdictions served, etc. (See Addendum for definitions) Appeal Score  
☒ 10 - Major impact  
 8 -  
 6 - Moderate impact  
 4 -  
 2 - Minimal or no impact \_\_\_\_\_

12) What is the overall economic health of the jurisdiction?

10 Points

8 Points

☒ 6 Points

4 Points

2 Points

13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

10 - Complete ban, facility closed

Appeal Score

8 - 80% reduction in legal load or 4-wheeled vehicles only

7 - Moratorium on future development, *not* functioning for current demand

\_\_\_\_\_

6 - 60% reduction in legal load

5 - Moratorium on future development, functioning for current demand

4 - 40% reduction in legal load

2 - 20% reduction in legal load

☒ 0 - Less than 20% reduction in legal load

14) What is the total number of existing daily users that will benefit as a result of the proposed project?

☒ 10 - 16,000 or more

Appeal Score

8 - 12,000 to 15,999

6 - 8,000 to 11,999

4 - 4,000 to 7,999

2 - 3,999 and under

\_\_\_\_\_

15) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure? (Provide documentation of which fees have been enacted.)

5 - Two or more of the above

Appeal Score

☒ 3 - One of the above

0 - None of the above

\_\_\_\_\_

# ADDENDUM TO THE RATING SYSTEM

## **General Statement for Rating Criteria**

Points awarded for all items will be based on engineering experience, field verification, application information and other information supplied by the applicant, which is deemed to be relevant by the Support Staff. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

## **Criterion 1 - Condition**

Condition is based on the amount of deterioration that is field verified or documented exclusive of capacity, serviceability, health and/or safety issues. Condition is rated only on the facility being repaired or abandoned. (Documentation may include: ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application.)

### **Definitions:**

**Failed Condition** - requires complete reconstruction where no part of the existing facility is salvageable. (E.g. Roads: complete reconstruction of roadway, curbs and base; Bridges: complete removal and replacement of bridge; Underground: removal and replacement of an underground drainage or water system; Hydrants: completely non functioning and replacement parts are unavailable.)

**Critical Condition** - requires moderate or partial reconstruction to maintain integrity. (E.g. Roads: reconstruction of roadway/curbs can be saved; Bridges: removal and replacement of bridge with abutment modification; Underground: removal and replacement of part of an underground drainage or water system; Hydrants: some non-functioning, others obsolete and replacement parts are unavailable.)

**Very Poor Condition** - requires extensive rehabilitation to maintain integrity. (E.g. Roads: extensive full depth, partial depth and curb repair of a roadway with a structural overlay; Bridges: superstructure replacement; Underground: repair of joints and/or minor replacement of pipe sections; Hydrants: non-functioning and replacement parts are available.)

**Poor Condition** - requires standard rehabilitation to maintain integrity. (E.g. Roads: moderate full depth, partial depth and curb repair to a roadway with no structural overlay needed or structural overlay with minor repairs to a roadway needed; Bridges: extensive patching of substructure and replacement of deck; Underground: insiniform or other in ground repairs; Hydrants: functional, but leaking and replacement parts are unavailable.)

**Moderately Poor Condition** - requires minor rehabilitation to maintain integrity. (E.g. Roads: minor full depth, partial depth or curb repairs to a roadway with either a thin overlay or no overlay needed; Bridges: major structural patching and/or major deck repair; Hydrants: functional and replacement parts are available.)

**Moderately Fair Condition** - requires extensive maintenance to maintain integrity. (E.g. Roads: thin or no overlay with extensive crack sealing, minor partial depth and/or slurry or rejuvenation; Bridges: minor structural patching, deck repair, erosion control.)

**Fair Condition** - requires routine maintenance to maintain integrity. (E.g. Roads: slurry seal, rejuvenation or routine crack sealing to the roadway; Bridges: minor structural patching.)

**Good or Better Condition** - little to no maintenance required to maintain integrity.

**Note:** If the infrastructure is in "good" or better condition, it will NOT be considered for SCIP/LTIP funding unless it is an expansion project that will improve serviceability.

## **Criterion 2 – Safety**

The jurisdiction shall include in its application the type, frequency, and severity of the safety problem that currently exists and how the intended project would improve the situation. For example, have there been vehicular accidents attributable to the problems cited? Have they involved injuries or fatalities? In the case of water systems, are existing hydrants non-functional? In the case of water lines, is the present capacity inadequate to provide volumes or pressure for adequate fire protection? In all cases, specific documentation is required. Mentioned problems, which are poorly documented, shall not receive more than 5 points.

**Note:** Each project is looked at on an individual basis to determine if any aspects of this category apply. Examples given above are NOT intended to be exclusive.

## **Criterion 3 – Health**

The jurisdiction shall include in its application the type, frequency, and severity of the health problem that would be eliminated or reduced by the intended project. For example, can the problem be eliminated only by the project, or would routine maintenance be satisfactory? If basement flooding has occurred, was it storm water or sanitary flow? What complaints if any are recorded? In the case of underground improvements, how will they improve health if they are storm sewers? How would improved sanitary sewers improve health or reduce health risk? Are leaded joints involved in existing water line replacements? In all cases, specific documentation is required. Mentioned problems, which are poorly documented, shall not receive more than 5 points.

**Note:** Each project is looked at on an individual basis to determine if any aspects of this category apply. Examples given above are NOT intended to be exclusive.

## Criterion 4 – Jurisdiction’s Priority Listing

The jurisdiction must submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance. The form is included in the Additional Support Information.

## Criterion 5 – Generate Fees

Will the local jurisdiction assess fees or project costs for the usage of the facility or its products once the project is completed (example: rates for water or sewer, frontage assessments, etc.). The applying jurisdiction must submit documentation.

## Criterion 6 – Economic Growth

Will the completed project enhance economic growth and/or development in the service area?

### Definitions:

Directly secure significant new employment: The project is specifically designed to secure a particular development/employer(s), which will add at least 100 or more new employees. The applicant agency must supply specific details of the development, the employer(s), and number of new permanent employees.

Directly secure new employment: The project is specifically designed to secure development/employers, which will add at least 50 new permanent employees. The applying agency must supply details of the development and the type and number of new permanent employees.

Secure new employment: The project is specifically designed to secure development/employers, which will add 10 or more new permanent employees. The applying agency must submit details.

Permit more development: The project is designed to permit additional business development. The applicant must supply details.

The project will not impact development: The project will have no impact on business development.

Note: Each project is looked at on an individual basis to determine if any aspects of this category apply.

## Criterion 7 – Matching Funds - Local

The percentage of matching funds which come directly from the budget of the applying local government.

## Criterion 8 – Matching Funds - Other

The percentage of matching funds that come from funding sources other than those mentioned in Criterion 7.

## Criterion 9 – Alleviate Traffic Problems

The jurisdiction shall provide a narrative, along with pertinent support documentation, which describe the existing deficiencies and showing how congestion or hazards will be reduced or eliminated and how service will be improved to meet the needs of any expected growth or development. A formal capacity analysis accompanying the application would be beneficial. Projected traffic or demand should be calculated as follows:

### Formula:

Existing users x design year factor = projected users

Design Year	Design year factor		
	Urban	Suburban	Rural
20	1.40	1.70	1.60
10	1.20	1.35	1.30

### Definitions:

Future demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for twenty-year projected demand or fully developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

Partial future demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for ten-year projected demand or partially developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

Current demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service only for existing demand and conditions.

Minimal increase – Project will reduce but not eliminate existing congestion or deficiencies and will provide a minimal but less than sufficient increase in existing capacity or service for existing demand and conditions.

No increase – Project will have no effect on existing congestion or deficiencies and provide no increase in capacity or service for existing demand and conditions.

## **Criterion 10 - Ability to Proceed**

The Support Staff will assign points based on engineering experience and status of design plans as demonstrated by the applying jurisdiction and OPWC defined delinquent projects. A project is considered delinquent when it has not received a notice to proceed within the time stated on the original application and no time extension has been granted by the OPWC. A jurisdiction receiving approval for a project and subsequently canceling the same after the bid date on the application may be considered as having a delinquent project.

## **Criterion 11 - Regional Impact**

The regional significance of the infrastructure that is being repaired or replaced.

### **Definitions:**

**Major Impact** - Roads: major multi-jurisdictional route, primary feed route to an Interstate, Federal Aid Primary routes.

**Moderate Impact** - Roads: principal thoroughfares, Federal Aid Urban routes

**Minimal / No Impact** - Roads: cul-de-sacs, subdivision streets

## **Criterion 12 – Economic Health**

The District 2 Integrating Committee predetermines the jurisdiction's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

## **Criterion 13 - Ban**

The jurisdiction shall provide documentation to show that a facility ban or moratorium has been formally placed. The ban or moratorium must have been caused by a structural or operational problem. Points will only be awarded if the end result of the project will cause the ban to be lifted.

## **Criterion 14 - Users**

The applying jurisdiction shall provide documentation. A registered professional engineer or the applying jurisdictions' C.E.O must certify the appropriate documentation. Documentation may include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for the roads and bridges, but only when certifiable ridership figures are provided.

## **Criterion 15 – Fees, Levies, Etc.**

The applying jurisdiction shall document (in the "Additional Support Information" form) which type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for.

Note: the District 2 Integrating Committee adopted this rating system on May 2, 2003.